

06- DEPARTMENT OF ENVIRONMENTAL PROTECTION

096 BUREAU OF AIR QUALITY CONTROL

CHAPTER 104: INCINERATOR PARTICULATE EMISSION STANDARD

SUMMARY: This regulation establishes a limitation on the amount of particulate matter allowed to be emitted from each of several categories and sizes of incinerators and a limitation on the opacity of emissions from all incinerators.

1. Scope.

This regulation shall be applicable to all incinerators and shall be effective in all regions in the State of Maine as follows:

A. Immediately for all new incinerators, the construction or operation of which begins after the effective date of this emission standard unless such incinerators are required to meet a stricter standard of performance;

B. June 1, 1975 for all existing incinerators.

2. Emission Standard.

No person shall emit or cause to be emitted any particulate air contaminants from:

A. Any incinerator darker than a number 1 on the Ringelmann Chart, excluding the emission of water vapor;

B. Any Class III, IV, V, VI, and VII incinerator having a designed charging rate of 50 tons per day or less, that exceed 0.2 grains per standard cubic foot of dry flue gas for a two hour sampling period corrected to 12 percent carbon dioxide without the contribution of carbon dioxide from the auxiliary fuel.

C. Any class incinerator having a designed charging rate greater than 50 tons per day, that exceed 0.08 grains per standard cubic foot of dry flue gas for a 2-hour sampling period, corrected to 12 percent carbon dioxide without the contribution of carbon dioxide from the auxiliary fuel.

3. Incinerator Malfunction or Breakdown.

Any person owning or operating incinerators under the scope of this emission standard, except Class I, IA, II, and IIA incinerators that malfunction or suffer a breakdown in any component part which malfunction or breakdown causes this emission standard to be violated shall notify the Department of Environmental Protection within 48 hours in writing.

4. Test Methods and Procedures.

Test Methods 1, 3, and 5 as promulgated by the Administrator, Environmental Protection Agency Rules and Regulations 60.85, "Federal Register", Volume 36, Number 247, Thursday, December 23, 1971 or such other methods as are deemed equivalent by the Department of Environmental Protection shall be those used to determine compliance with this regulation.

BASIS STATEMENT : The basis of the regulation is to limit particulate emissions to protect the ambient air quality standard.

AUTHORITY: 38 M.R.S.A., Section 585, 585-A

EFFECTIVE DATE: January 31, 1972
Amended: October 15, 1979